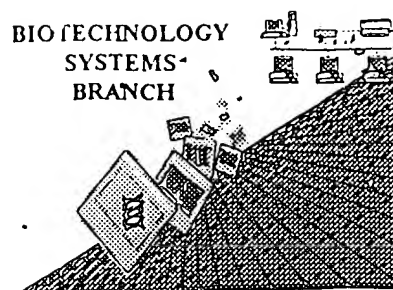


## RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/892613

Source: OIPÉ

Date Processed by STIC: 11/26/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

### Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

SEQUENCE LISTING

1  
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(1) General Information:

Applicant name  
Title of invention  
Number of sequences  
Mailing Address is required

ERRORED SEQUENCES FOLLOW:

① Gross Format Errors  
See Attached Template  
See pages 2, 3, and 4  
Does Not Comply  
Corrected Diskette Needed

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 100  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear  
(ii) MOLECULE TYPE: DNA (oligonucleotide)  
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

④ An integer response is mandatory in the length field

FR-patched RFB4

VH+

Full length cDNA sequence (SEQ ID no. 1):

GAAGTGCAGCTGCTGGAGTCTGGGGGAGGCTTAGTGCAGCCTGGAGGGTCCCTGAGGCTCTCCTGTGCAGCCTCTGGATT  
CTCCTTCAGTATCTATGACATGTCTTGGGTTCCGAGGACCCGGGAAAGGGCTGGAGTGGGTTCGCATACATTAGTAGTG  
GTGGTGGTACCACCTACTATCCAGACACTGTGAAGGGCCGATTACCATCTCCAGAGACAATGCCAAGAACTCCCTGTAC  
CTGCAAATGAACAGTCTGAGGGTGGAGGACACAGCCTTATATTACTGTGCAAGACATAGTGGCTACGGTAGTAGCTACGG  
GGTTTGTGTTGCTTACTGGGGCCAAGGGACTCTGGTCACTGTCTCTTCA

Full length amino acid sequence (SEQ ID no. 2):

EVQLLESGGGLVQPGSLRLSCAASGFSFSIYDMSWVRQAPGKLEWVAYISSGGGTTYYPDTVKGRTISRDNKNSLY  
LQMNLSLRVEDTALYCARHSGYGSYGVLFAYWQGQTLVTVSS

N-terminal sense strand template DNA sequence (SEQ ID no. 3):

CCTGGAGGGTCCCTGAGGCTCTCCTGTGCAGCCTCTGGATTCTCCTTCAGTATCTATGACATGTCTTGGGTTCCGAGGC  
ACCGGGAAAGGGCTGGAGTGGGTTCGCATAC

5' Primer for N-template (SEQ ID no. 4)

GAAGTGCAGCTGCTGGAGTCTGGGGGAGGCTTAGTGCAGCCTGGAGGGTCCCTGAGG

3' Primer for N-template (SEQ ID no. 5)

GTAGGTGGTACCACCACCACTACTAATGTATGCGACCACTCCAGCCC

⑤ See Attached template for required fields.  
⑥ Refer to Federal Register Vol 55 No 84 Tuesday May 1, 1990  
CFR in 37 CFR Part 1 § 1.821 - § 1.825  
for ~~some~~ specific guidelines and requirements.

Start of Format Required for each sequence  
invalid formats

# Gene Sequence Template

RECEIVED  
 AUG 28 2002  
 TECH CENTER 1600/2900  
 Mandating  
 Introductory  
 Information  
 From Applicant

1) GENERAL INFORMATION:

1.1 APPLICANT:

1.2 TITLE OF INVENTION:

1.3 NUMBER OF SEQUENCES:

1.4 CORRESPONDENCE ADDRESS:

1.5 ADDRESSEE:

1.6 STREET:

1.7 CITY:

1.8 STATE:

1.9 COUNTRY:

1.10 ZIP:

1.11 COMPUTER READABLE FORM:

1.12 MEDIUM TYPE:

1.13 COMPUTER:

1.14 OPERATING SYSTEM:

1.15 SOFTWARE:

1.16 CURRENT APPLICATION DATA:

1.17 APPLICATION NUMBER:

1.18 FILING DATE:

1.19 CLASSIFICATION:

1.20 PRIOR APPLICATION DATA:

1.21 APPLICATION NUMBER:

1.22 FILING DATE:

1.23 ATTORNEY/AGENT INFORMATION:

1.24 NAME:

1.25 REGISTRATION NUMBER:

1.26 REFERENCE/DOCKET NUMBER:

1.27 TELECOMMUNICATION INFORMATION:

1.28 TELEPHONE:

1.29 TELEFAX:

1.30 TELEX:

2) INFORMATION FOR SEQ ID NO. X:

2.1 SEQUENCE CHARACTERISTICS:

2.2 LENGTH:

2.3 TYPE:

2.4 STRANDEDNESS:

2.5 TOPOLOGY:

2.6 MOLECULE TYPE:

2.7 ISOTOPICTICAL:

2.8 ANTI-SENSE:

2.9 FRAGMENT TYPE:

2.10 ORIGINAL SOURCE:

2.11 ORGANISM:

2.12 STRAIN:

2.13 INDIVIDUAL ISOLATE:

2.14 DEVELOPMENTAL STAGE:

2.15 HAPLOTYPE:

2.16 TISSUE TYPE:

2.17 CELL TYPE:

2.18 CELL LINE:

2.19 ORGANELLE:

2.20 IMMEDIATE SOURCE:

2.21 LIBRARY:

2.22 CLONE:

2.23 POSITION IN GENOME:

2.24 CHROMOSOME/SEGMENT:

2.25 MAP POSITION:

2.26 UNITS:

2.27 FEATURE:

2.28 NAME/KEY:

2.29 LOCATION:

2.30 IDENTIFICATION METHOD:

2.31 OTHER INFORMATION:

3) PUBLICATION INFORMATION:

3.1 AUTHORS:

3.2 TITLE:

3.3 JOURNAL:

3.4 VOLUME:

3.5 ISSUE:

3.6 PAGES:

3.7 DATE:

3.8 DOCUMENT NUMBER:

3.9 FILING DATE:

3.10 PUBLICATION DATE:

4) RELEVANT RESIDUES:

5) SEQUENCE DESCRIPTION: SEQ ID NO. X:

These fields  
 are mandatory

These fields  
 are mandatory  
 for each gene sequence

Optional fields for  
 possibly applicable  
 information

- Please follow this guideline and rules in 37 CFR § 1.821-1.2.
1. applicant context fields are required
  2. sequence id descriptions are required
  3. Publication information is ~~to be provided~~ optional  
 If applicable, you may choose to provide it.

# RAW SEQUENCE LISTING PATENT APPLICATION US/09/892,613

DATE: 11/26/2001  
TIME: 02:32:10

INPUT SET: S36677.raw

--> 40 C-terminal sense strand template DNA sequence (SEQ ID no. 6):  
41 TTCACCATCTCCAGAGACAATGCCAAGAACTCCCTGTACCTGCAAATGAACAGTCTGAGGGTGGAGGACACAGCCTTATA  
42 TTACTGTGCAAGACATAGTGGCTACGGTAGTAGCTACGGGGTTTTGTTTGCT  
43  
--> 44 5' Primer for C-template (SEQ ID no. 7)  
45 GGTGGTACCACCTACTATCCAGACACTGTGAAGGGCCGATTACCATCTCCAGAGACAAT  
46  
--> 47 3' Primer for C-template (SEQ ID no. 8)  
48 TGAAGAGACAGTGACCAGAGTCCCTTGGCCCCAGTAAGCAAACAAAACCCCGTAGCT  
49  
50 Joining site: KpnI  
51  
52 VK: *type nucleic acid*  
53 *ii molecule type c DNA etc.*  
54 Full length cDNA sequence (SEQ ID no. 9) *see template*  
55 GATATCCAGATGACCCAGTCTCCATCCTCCCTGTCTGCCTCTGTGGGAGACAGAGTCACCATTAGTTGCAGGGCAAGTCA  
56 GGACATTAGCAATTATTTAAACTGGTATCAGCAGAAACCAGGTAAGGCTCCGAAACTCCTGATCTACTACACTAGTATAT  
57 TACACTCAGGAGTCCCATCAAGGTTCACTGGCAGTGGGTCTGGAACAGAATTTACTCTCACCATTAGCTCCCTGCAGCCA  
58 GAAGATTTTGGCACTTACTTTTGCCAACAGGGTAATACGCTTCCGTGGACGTTCCGTGGAGGCACCAAGGTGGAAATCAA  
59 A  
60  
61 Full length amino acid sequence (SEQ ID no. 10) *A length integer*  
62 DIQMTQSPSSLSASVGRVTISCRASQDISNYLNWYQQKPKAPKLLIYYTSLHSGVPSRFRSGSGSTFTLTISLQ  
63 EDFATYFCQGNLTPWTFGGGTVKVEIK *C not relevant*  
64  
65 N-terminal sense strand template DNA sequence (SEQ ID no. 11) *D shape not relevant*  
66 CTGTCTGCCTCTGTGGGAGACAGAGTCACCATTAGTTGCAGGGCAAGTCAGGACATTAGCAATTATTTAAACTGGTATCA  
67 GCAGAAACCAGGTAAGGCTCCGAAACTC *ii blank*  
68  
69 5' Primer for N template (SEQ ID no. 12) *A Description proteins*  
70 GATATCCAGATGACCCAGTCTCCATCCTCCCTGTCTGCCTCTGTGGGAGAC  
71  
72 3' Primer for N-template (SEQ ID no. 13)  
73 ATATACTAGTGTAGTAGATCAGGAGTTTCGGAGCCTTACC  
74  
75 C-terminal sense strand template DNA sequence (SEQ ID no. 14) *etc. are mandatory see + template*  
76 CCATCAAGGTTCACTGGCAGTGGGTCTGGAACAGAATTTACTCTCACCATTAGCTCCCTGCAGCCAGAAGATTTGCCAC  
77 TTACTTTTGCCAACAGGGTAATACGCTTCCGTGGACGTTCC  
78  
79 5' Primer for C-template (SEQ ID no. 15) *i. sequence characteristics*  
80 CTACACTAGTATATTACACTCAGGAGTCCCATCAAGGTTCACTGGCAGT  
81  
82 3' Primer for C-template (SEQ ID no. 16) *Format Fields Begin*  
83 TTTGATTTCCACCTTGGTGCTCCACCGAACGTCCAAGGAAGCGTATT  
84  
85 Joining site: SpeI A(CTAG(T  
86  
87  
88 FR-Patched chimeric 1F5  
89  
90 VH:  
91  
92 Full length cDNA sequence (SEQ ID no. 17):

Each sequence must be identified according to the rules, template and enclosed example corrections

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/892,613DATE: 11/26/2001  
TIME: 02:32:10

INPUT SET: S36677.raw

93 CAGGTGCAACTGGTGGCTTCCGGGGCTGAGGTAAATAAGCCTGGGGCCTCAGTGAAGGTCTCCTGCAAGGCTTCTGGGCTA  
94 CACATTTACCAGTTACAATATGCACTGGGTACGGCAGCCTCCTGGAAGGGGCTGGAATGGATTGGAGCTATTTATCCAG  
95 GAAATGGTGATACTAGTTACAATCAGAAATCAAGGGCAAGGCCACATTGACTGCAGACAAATCCTCCAGCACAGCCTAC  
96 ATGCAGCTCAGCAGTCTGACATCTGAGGACTCTGCGGTCTATTACTGTGCAAGATCGCACTACGGTAGTAACCTACGTAGA  
97 CTACTTTGACTACTGGGGCCAAGGCACCACTGTTACAGTCTCCTCTGATCA  
98  
--> 99 Full-length amino acid sequence (SEQ ID no. 18):  
100 QVQLVASGAENVKPGASVKVSKASGYTFTSYNMHWVRQPPGRGLEWIGAIYPGNGDTSYNQKFKGKATLTADKSSSTAY  
101 MQLSSLTSEDSAVYYCARSHYGSNYVDYFDYWGQGTITVTVSSD  
102  
103 *2. sequence characteristics: molecule type*  
--> 104 N-terminal sense strand template DNA sequence (SEQ ID no. 19):  
105 AATAAGCCTGGGGCCTCAGTGAAGGTCTCCTGCAAGGCTTCTGGCTACACATTTACCAGTTACAATATGCACTGGGTACG  
106 GCAGCCTCCTGGAAGGGGCTGGAATGGATTGGA  
107  
--> 108 5' Primer for N-template (SEQ ID no. 20)  
109 CAGGTGCAACTGGTGGCTTCCGGGGCTGAGGTAAATAAGCCTGGGGCCTCAGTGAAG  
110  
--> 111 3' Primer for N-template (SEQ ID no. 21)  
112 TGTAAGTAGTATCACCATTTCCTGGATAAATAGCTCCAATCCATTCCAGGCCCT  
113  
--> 114 C-terminal sense strand template DNA sequence (SEQ ID no. 22):  
115 TTGACTGCAGACAAATCCTCCAGCACAGCCTACATGCAGCTCAGCAGTCTGACATCTGAGGACTCTGCGGTCTATTACTG  
116 TGCAAGATCGCACTACGGTAGTAACCTACGTAGACTACTTTGACTAC  
117  
--> 118 5' Primer for C-template (SEQ ID no. 23)  
119 TGATACTAGTTACAATCAGAAATCAAGGGCAAGGCCACATTGACTGCAGACAAATCCTCC  
120  
--> 121 3' Primer for C-template (SEQ ID no. 24)  
122 TGATCAGAGGAGACTGTAACAGTGGTGCCTTGGCCCCAGTAGTCAAAGTAGTCTACGTA  
123  
124 Joining site: SpeI  
125  
126 VK:  
127  
128 *Full-length cDNA sequence* (SEQ ID no. 25):  
129 GATATTCAACTCACACAGTCTCCATCAAGTCTTTCTGCATCTGTGGGGGACAGAGTCACAATTACTTGCAGGGCCAGCTC  
130 AAGTTTAAAGTTTCATGCACTGGTACCAGCAGAAGCCAGGATCCTCCCCCAAACCTGGATTATGCCACATCCAACCTGG  
131 CTTCCGGAGTCCCTAGTCGCTTCAGTGGCAGTGGGTCTGGGACCGAGTTCACTCTCACAATCAGCAGTTTGCAGCCTGAA  
132 GATTCGCCACTTATTTCTGCCATCAGTGGAGTAGTAACCCGCTCACGTTCCGGTGCTGGGACCAAGCTGACCGTTCTACG  
133 G  
134  
--> 135 Full-length amino acid sequence (SEQ ID no. 26):  
136 DIQLTQSPSSLSASVGDRTITCRASSLSFMHWYQQKPGSSPKPWIYATSNLASGVPSRFSGSGSGTEFTLTISLQPE  
137 DFATYFCHQWSSNPLTFGAGTKLTVLR  
138  
--> 139 N-terminal sense strand template DNA sequence (SEQ ID no. 27):  
140 TCAAGTCTTTCTGCATCTGTGGGGGACAGAGTCACAATTACTTGCAGGGCCAGCTCAAGTTTAAGTTTCATGCACTGGTA  
141 CCAGCAGAAGCCAGGATCCTCCCCCAAACCTGGATTATGCCACATCC  
142  
--> 143 5' Primer for N-template (SEQ ID no. 28):  
144 GATATTCAACTCACACAGTCTCCATCAAGTCTTTCTGCATCTGTG  
145

*B. Type*  
*C. 3 strandedness*  
*D. Topology*

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/892,613DATE: 11/26/2001  
TIME: 02:32:11

INPUT SET: S36677.raw

--> 146 3' Primer for N-template (SEQ ID no. 29):  
147 GGACTCCGGAAGCCAGGTTGGATGTGGCATAAATCCAGGG  
148  
--> 149 C-terminal sense strand template DNA sequence (SEQ ID no. 30):  
150 TTCAGTGGCAGTGGGTCTGGGACCGAGTTCACCTCTCACAATCAGCAGTTTGCAGCCTGAAGATTTGCGCCACTTATTTCTG  
151 CCATCAGTGGAGTAGTAACCCGCTCACGTTCCGGTGCTGGG  
152  
--> 153 5' Primer for C-template (SEQ ID no. 31):  
154 GGCTTCCGGAGTCCCTAGTCGCTTCAGTGGCAGTGGGTCTGGG  
155  
--> 156 3' Primer for C-template (SEQ ID no. 32):  
157 CCGTAGAACGGTCAGCTTGGTCCCAGCACCGAACGTGAGCGG  
158  
159 Joining site: BspEI  
160  
161

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1. Lines 5-12 are the beginning of an extended format required for sequence listings.
2. Refer to the rules in 37 CFR Part 1 Rules of Practice in Patent Cases according to § 1.821 - § 1.825  
(Set forth in The Federal Register Vol 55, No 84  
Tuesday, May 1, 1990 — Rules and Regulations)
3. Use the Template attached and the CFR rules as a guide
4. Call Mark Spencer at the Help Desk  
for additional assistance 203 308 4212